

**East Asia and Pacific Summer Institutes
for U.S. Graduate Students Program**



National Science Foundation

**Office of International & Integrative Activities (OIIA)
International Science & Engineering (ISE) Section
East Asia & Pacific Summer Institutes (EAPSI)
Program for U.S. Graduate Students**



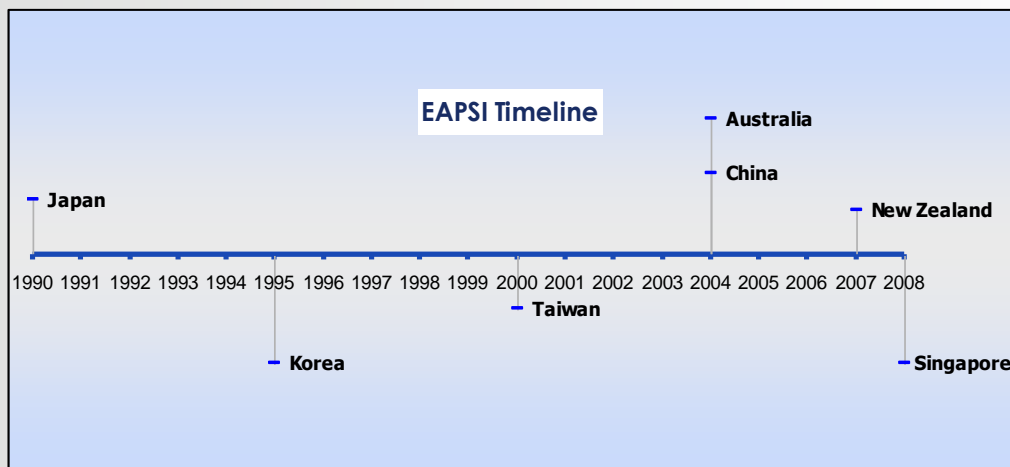
East Asia and Pacific Summer Institutes for U.S. Graduate Students Program



Support for International Research

Through EAPSI, NSF enables U.S. graduate students to...

- ▣ Advance their work through international collaborations
- ▣ Gain professional experience beyond this nation's borders early in their careers
- ▣ Spend 8 weeks (June-August) surrounded by research and culture in Australia, China, Japan (10 weeks), Korea, New Zealand, Singapore, or Taiwan



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Program Goals

- Introduce students to research in science and engineering in the East Asia-Pacific region



- Help foster student-initiated personal relationships that facilitate future international research collaborations

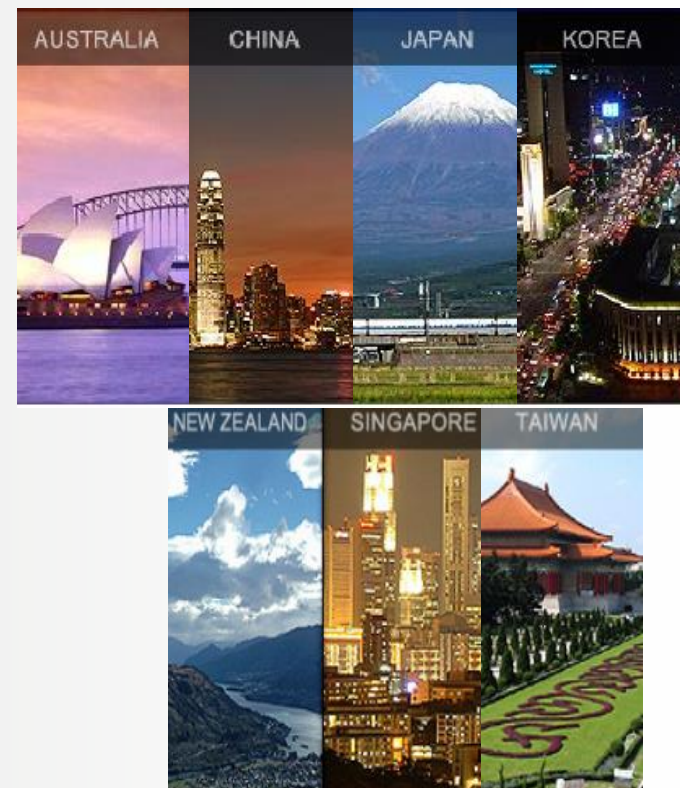


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Foreign Partners

- Australian Academy of Science
- Chinese Ministry of Science and Technology
- Chinese Academy of Sciences
- National Natural Science Foundation of China
- Japan Society for the Promotion of Science
- National Research Foundation of Korea
- Royal Society of New Zealand
- National Research Foundation of Singapore
- National Science Council of Taiwan



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Award Benefits

8-10 week research program at foreign host institution, with an introduction to language and culture

NSF Contributions

- ❖ Roundtrip air fare to mandatory Pre-Departure Orientation in Washington, D.C. on April 3-4, 2014, and paid lodging
- ❖ \$5,000 summer stipend
- ❖ Roundtrip air fare to host location

Foreign Co-Sponsors Contributions (arrangements vary by host location)

- ❖ In-country opening and closing activities
- ❖ In-country culture orientation
- ❖ In-country living expenses (housing & meals)



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Additional Benefits

- ❖ Network with awardees at and after pre-departure orientation
- ❖ Get new ideas for your research
- ❖ Access to cutting-edge facilities and regional expertise
- ❖ Mentoring by top researchers in the East Asia and Pacific region
- ❖ Site and professional visits at host location



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Eligibility

As of the deadline date of the application year, applicants must meet all of the following criteria:

- ▣ U.S. citizen or permanent resident;
- ▣ Enrolled in a research-oriented master's or Ph.D. degree program (including joint degree programs);
- ▣ Students enrolled in joint Bachelor/Master's programs must have graduated from the undergraduate degree;
- ▣ Enrolled at a U.S. institution in the United States;
- ▣ Field of study in science and engineering research and education supported by the NSF.



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Is My Research Supported by NSF?

EAPSI Fellows can conduct research in any field of science and engineering supported by NSF. When formulating your proposed research, determine which NSF directorate your proposed research would fit into, e.g.:

- **Engineering (ENG)**
- **Mathematical and Physical Sciences (MPS)**
- **Geosciences (GEO)**
- **Computer and Information Science and Engineering (CISE)**
- **Biological Sciences (BIO)**
- **Social, Behavioral and Economic Sciences (SBE)**
- **Education and Human Resources (EHR)**

For more information on NSF Directorates, visit <http://www.nsf.gov/staff/orglist.jsp>

If your research is multi-disciplinary or cross-disciplinary in nature, try to find the best match.

Please contact the EAPSI Program if you are unsure whether your research proposal is eligible for NSF funding. Please note that eligibility is determined upon review of the contents of the entire submitted application.



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Areas NOT Supported by NSF

- Fine Arts and Humanities
- Law and Business
- Medical (Clinical), Dental, Veterinary, Pharmaceutical

See Grant Proposal Guide (GPG), Chapter I, NSF Programs and Funding Opportunities:
http://www.nsf.gov/publications/pub_summ.jsp?ods_key=gpg

NSF does not normally support technical assistance, pilot plant efforts, research requiring security classification, the development of products for commercial marketing, or market research for a particular project or invention.

Research with disease-related goals, including work on the etiology, diagnosis or treatment of physical or mental disease, abnormality, or malfunction in human beings or animals, is normally not supported. Animal models of such conditions or the development or testing of drugs or other procedures for their treatment also are not eligible for support.

However, research in bioengineering, with diagnosis- or treatment-related goals, that applies engineering principles to problems in biology and medicine while advancing engineering knowledge is eligible for support. Bioengineering research to aid persons with disabilities also is eligible.



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NSF Intellectual Merit Review Criterion

Potential considerations include:

- ❑ How important is the proposed activity to **advancing knowledge and understanding** within its own field or across different fields?
- ❑ How well **qualified** is the proposer (individual or team) to conduct the project? (If appropriate, the reviewer will comment on the quality of the prior work.)
- ❑ To what extent does the proposed activity suggest and explore **creative and original concepts**?
- ❑ How **well conceived and organized** is the proposed activity?
- ❑ Is there sufficient **access to resources**?



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NSF Broader Impacts Review Criterion

Potential considerations include:

- ❑ How well does the activity advance discovery and understanding while promoting **teaching, training, and learning**?
- ❑ How well does the proposed activity **broaden** the **participation** of underrepresented groups (e.g., gender, ethnicity, disability, geographic, etc.)?
- ❑ To what extent will it **enhance the infrastructure for research and education**, such as facilities, instrumentation, networks, and partnerships?
- ❑ Will the results be disseminated broadly to **enhance scientific and technological understanding**?
- ❑ What may be the **benefits** of the proposed activity **to society**?



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Program Specific Criteria

- ❑ Qualification of applicant, including potential for continued growth and the probable effect of participation in the Summer Institute on the applicant's career
- ❑ Resources and capabilities of the proposed host institution(s) and researcher(s), and/or the current stature of research in the student's field of interest in the chosen location
- ❑ Merit, complementarities, and expected mutual benefits of the proposed international collaboration



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Approximate Program Cycle

- Now: Develop research plans, explore potential host sites and researchers
- November 25, 2013: Application deadline
- November: NSF compliance check of proposals
- December-January: NSF review panels
- February: NSF nomination of candidates to counterpart organizations and notification of tentative acceptance to students
- April 3-4, 2014: Pre-Departure Orientation in Washington, D.C. area
- April-June: Official NSF awards issued, students prepare for travel
- June to August: Summer Institutes
- December 1, 2014: NSF Final Report and Project Outcomes Report for the General Public are due



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How to Find a Host Researcher?

- Lists of prospective host institutions are available at the end of each Handbook
- Literature search (university library resources, Google scholar, etc.)
- Talk to your professional network, i.e., advisor, other faculty members, postdoctoral researchers, graduate students, etc.
- You are “in the driver’s seat” – you find a host researcher, initiate contact, and establish collaboration



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How are Fellowships Allocated across Host Locations?

- Australia – 20
- China – 40
- Japan – 65
- Korea – 25
- New Zealand – 15
- Singapore – 15
- Taiwan – 25

Australia and New Zealand are typically the most competitive host locations.



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FastLane Application at a Glance

- NSF FastLane <https://www.fastlane.nsf.gov/>
- **Postdoctoral Fellowships and Other Programs** Tab
- **Individual Registration** button – complete
Note your user name, NSF ID (a 9-digit number) and your login password. You will need all three of these to login to the system.
- Go back to Postdoctoral Fellowships and Other Programs Tab, **PI/Co-PI Login Page** button. Enter your user name, NSF ID and password to login.
- Proposal Functions
- Proposal Preparation
- Prepare Proposal
- Create Blank Proposal
- Proposal Announcement Number NSF 13-593



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FastLane Application at a Glance (Continued)

- **Cover Sheet**
 - ▣ Awardee Organization – will be populated automatically with your name as organization
 - ▣ Primary Place of Performance – your host organization (first-choice only)
- **Table of Contents** – populates automatically
- **References Cited** – literature (in the format customarily used in your field of science, e.g., APA, MLA, etc.)
- **Add/Delete Letter of Reference Writers** – list **one** writer of the recommendation letter and provide them with log-in information
- **Project Summary:** Overview, Intellectual Merit, Broader Impacts
- **Project Description:** no more than 5 pages, starts with synopsis and timeline - upload, proofread, accept results at the top of the screen
- **Biographical Sketch(es):** 2-page CV of the applicant



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FastLane Application at a Glance (Continued)

■ Application Form:

- **2.** List up to three Host Locations in the order of preference.
- **4.** Title, i.e., Proposal Title (no more than 180 characters with spaces)
- **12.** Potential Host Institutions – list only **one** (not six)

■ Supplementary Documents

- **Data Management Plan** - upload, proofread, accept results at the top of the screen
- **Mentoring Plan** – not applicable to EAPSI proposals
- **Other Supplementary Docs:** upload Proof of Current Enrollment, Graduate Transcripts, Letter of Acceptance from Host, summary of correspondence with host, IRB/IACUC approvals if applicable, RCR training certificate if available

Note: If you do not have IRB/IACUC approval or exemption, apply at your U.S. university now – do not wait until tentative notification of award.



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FastLane Application at a Glance (Continued)

- Submitting Your Proposal in FastLane
- When all component elements of your proposal have been successfully uploaded and proofread, click the Submit button.
 - This will take you to a screen for Authorized Organization Representative (AOR) approval. You are your own AOR and must complete the next two steps before submission is final.
 - This step also generates a *temporary* proposal ID number.
- Scroll through this AOR approval screen, and click the Sign and Submit button at the bottom.
- Click Submit.
 - At this point you have completed the EAPSI application process. You will receive an email from FastLane giving you an official proposal ID number, a seven-digit number beginning with 14 (for the U.S. government's 2014 fiscal year)
- Please retain your NSF proposal ID # to refer to in communication with NSF. Please save the email with your proposal number.



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FastLane Application at a Glance (Continued)

A few remarks about FastLane:

- ❑ At several points, FastLane provides the option of uploading files from your computer (transfer files). The system will convert your file to PDF (even if it is in PDF). Click Proofread PDF to review the upload. Then click "Accept Results" tab at the top of the screen and the "Accept" button on the next screen.
- ❑ Please do proofread, especially if you are using tables, charts, formulas, special characters, images, etc., as they do not always convert smoothly.
- ❑ The title of your proposal cannot exceed 180 characters. However, FastLane does not notify you if you exceeded the limit (it cuts off the extra characters), so type your title in Word, check character count with spaces, copy and paste into FastLane.
- ❑ FastLane does not perform spell check. We recommend that type in Word and then copy and paste into FastLane if applicable.
- ❑ For technical assistance, call FastLane Help Desk at **1-800-673-6188**, Mon-Fri, 7 am till 9 pm ET)



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Additional Info?



Program Solicitation, Online Application and Deadlines

<http://www.nsf.gov/eapsi>

Anne Emig, EAPSI Program Director
703-292-7241

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703-292-2993

Email: oiia-ise-eapsi@nsf.gov

